



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

WANG

Atty. Ref.: 839-820

Serial No. 09/735,503

Group: Not Yet Assigned

Filed: December 14, 2000

Examiner: Not Yet Assigned

For: METHOD USING SECONDARY ORIENTATION TO  
TUNE BUCKET NATURAL FREQUENCY

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints Nixon & Vanderhye, P.C., 1100 North Glebe Rd., 8th Floor, Arlington, Virginia 22201-4714, telephone number (703) 816-4000, facsimile number (703) 816-4100, and the following attorneys thereof (of the same address) individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393;

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I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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GENERAL ELECTRIC COMPANY

March 23, 2001  
Date

By:

  
Name: Ernest G. Cusick  
Title: Patent Counsel

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which I acknowledge receipt, John Zhiqiang Wang of 205 Gelsemium Place, Greenville, SC 29615 sells and assigns to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in METHOD USING SECONDARY ORIENTATION TO TUNE BUCKET NATURAL FREQUENCY invented by me, as described in the application for United States Patent was filed on December 14, 2000 as Serial Number: 09/735,503; and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

✓ 3/20/2001, 2001  
Date

✓ John Zhiqiang Wang  
John Zhiqiang Wang

STATE OF South Carolina )

) ss:

COUNTY OF Greenville )

This 20<sup>th</sup> day of March, 2001, before me personally came the above-named John Zhiqiang Wang, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Joyce Wallace  
Notary Public

My Commission Expires: 5-16-05